

20031214.qrp v03_n134.qrl.20031214

Date: Sun, 14 Dec 2003 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3134

QRP-L Digest 3134

Topics covered in this issue include:

- 1) [163031] Re: Paddle Polarity
by John Oppenheimer <kn5l@gte.net>
- 2) [163032] Re: Paddle Polarity
by John Oppenheimer <kn5l@gte.net>
- 3) [163033] This is your official invitation
by "Jerry Ford" <benlightnd13@mchsi.com>
- 4) [163034] Re: DC amplifier with <35 ohms output impedance
by Ed Tanton <n4xy@earthlink.net>
- 5) [163035] Re: QST
by Bruce Muscolino <w6toy@erols.com>
- 6) [163036] Elmer 160
by "Tom" <kf4yyd@adelphia.net>
- 7) [163037] RE: Elmer 160 Never mind
by "Tom" <kf4yyd@adelphia.net>
- 8) [163038] Re: Paddle Polarity - a useful accessory
by VE3JC John Cumming <jbcumming@wwdc.com>
- 9) [163039] Feeder measurments
by Karl Larsen <k5di@zianet.com>
- 10) [163040] free to needy home(puter processor)
by "steve" <swells244@bellsouth.net>
- 11) [163041] FEMA SAYS BPL WILL "SEVERELY IMPAIR" ESSENTIAL HF OPERATIONS
by Ed Tanton <n4xy@earthlink.net>
- 12) [163042] A QRP Christmas
by Jeff Davis <ke9v@comcast.net>
- 13) [163043] Re: ARRL 10 meter contest
by "James R. Duffey" <JamesDuffey@comcast.net>
- 14) [163044] Re: Elmer 160 Never mind
by "John J. McDonough" <wb8rcr@arrl.net>
- 15) [163045] Re: IRC QRP channel?
by George Fremin III <geoiii@kkn.net>
- 16) [163046] Re: Hello? Hello? CQ 10m
by Alex <kr1st@amsat.org>
- 17) [163047] Re: free to needy home(puter processor)
by "steve" <swells244@bellsouth.net>
- 18) [163048] Re: ARRL 10 meter contest
by Alex <kr1st@amsat.org>
- 19) [163049] OFF, MY TOPIC ALSO.....:-)

by Joel M Denison <hamjoel@juno.com>
20) [163050] LOOKIN FOR A HOME...
by Joel M Denison <hamjoel@juno.com>
21) [163051] Re: Hello? Hello? CQ 10m
by Bob Nielsen <nielsen@oz.net>
22) [163052] Re: Paddle Polarity
by "Frank Emens" <femens@hiwaay.net>
23) [163053] 80 meter qrp
by "Mike Duke, K5XU" <k5xu@jam.rr.com>
24) [163054] SNOMOJO?
by <bill@n4qa.com>
25) [163055] 10 Meters at night
by w2bvh <w2bvh@comcast.net>
26) [163056] Re: [162975] DC amplifier with <35 ohms output impedance
by Tim Groat <tcgroat@earthlink.net>
27) [163057] Wireless Key?
by Rob Matherly <jimrob@jetnetinc.net>
28) [163058] Re: Re[2]: Single wire feed Windom?
by =?iso-8859-1?Q?bam_yb=D8ko/1_SOETRISNO?= <unclebam@indosat.net.id>
29) [163059] 3.560 MHz Streaming audio
by "Paul Valko - W8KC" <w8kc@comcast.net>
30) [163060] 80 M fox
by Dan Presley <dpresley1@comcast.net>
31) [163061] Still running... Re: 3.560 MHz Streaming audio
by "Paul Valko - W8KC" <w8kc@comcast.net>
32) [163062] Last Call 11 Days before Christmas
by "Ron Polityka" <wb3aal@verizon.net>
33) [163063] Re: Re[2]: Single wire feed Windom?
by Jim Lyons <lyons@canada.com>
34) [163064] Re: Still running... Re: 3.560 MHz Streaming audio
by "Mike WA8BXN" <hubby2k@hotmail.com>
35) [163065] Re: 80 M fox
by Peter Burbank <peterlee@qx.net>
36) [163066] Re: 80 meter qrp
by Bruce Muscolino <w6toy@erols.com>
37) [163067] Re: SNOMOJO?
by "W. Keith Hibbert" <wkhibbert@frontiernet.net>
38) [163068] AZ Paddle?
by Jimmy Lee <jrllaudio@bellsouth.net>
39) [163069] Re: [fpqrp] Wireless Key?
by "Tim, N9PUZ" <n9puz@arrl.net>
40) [163070] WTB: AT Sprint
by John Sielke <jsielke@pobox.com>
41) [163071] Elmer 160: PIC-EL Preview
by "John J. McDonough" <wb8rcr@arrl.net>
42) [163072] WTB: 6M Halo or Squalo or ??
by "Alan Fryer" <N3BJ@hotmail.com>
43) [163073] Re: Re[2]: Single wire feed Windom?

by Bob Nielsen <nielsen@oz.net>
44) [163074] Re: AZ Paddle?
by "Joe Martin" <km5cw@wt.net>
45) [163075] RE: Elmer 160: PIC-EL Preview
by "Tom" <kf4yyd@adelphia.net>
46) [163076] Re: WTB: 6M Halo or Squalo or ??
by "M.M." <markem@cox.net>
47) [163077] Re: Re[2]: Single wire feed Windom?
by "brian russell" <brian-nsl@freenet.co.uk>
48) [163078] Elmer 160: PIC-EL - program chips besides 'F84?
by David Beach <VE3STI@rac.ca>
49) [163079] Re: 6M Halo or Squalo or ??
by "Howard Kraus" <K2UD@adelphia.net>
50) [163080] Elmer 160: PIC-EL Preview - again
by "John J. McDonough" <wb8rcr@arrl.net>
51) [163081] Re: SNOMOJO?
by <bill@n4qa.com>
52) [163082] Re: Elmer 160: PIC-EL Preview
by "Lee Hopper" <leehopp@msn.com>
53) [163083] Re: Re[2]: Single wire feed Windom
by "James R. Duffey" <JamesDuffey@comcast.net>
54) [163084] DX Aruba
by Karl Larsen <k5di@zianet.com>
55) [163085] Re: Re[2]: Single wire feed Windom?
by George F Franklin <w0av@juno.com>
56) [163086] K1EL K-20 Keyer !!!!! nice !!!!
by "George Osier" <gosier@twcnny.rr.com>
57) [163087] Re: Elmer 160: PIC-EL - program chips besides 'F84?
by "John J. McDonough" <wb8rcr@arrl.net>
58) [163088] Re: 6M Halo or Squalo or ??
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
59) [163089] Re: AZ Paddle?
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
60) [163090] Re: [Elmer 160]: PIC-EL Preview
by Bill Owens N2RKL <bill@owensfamily.org>
61) [163091] Re: K1EL K-20 Keyer !!!!! nice !!!!
by Karl Larsen <k5di@zianet.com>
62) [163092] Re: 6M Halo or Squalo or ??
by Aa2id@aol.com
63) [163093] Results: Sunday Morning SSB/CW QRP Net
by "Ken La Rose" <kenlar@csolve.net>
64) [163094] Elmer 160 Lesson 4 Question
by "Tom" <kf4yyd@adelphia.net>
65) [163095] 10m contest
by Chuck Adams <k7qo@commspeed.net>
66) [163096] Re: 6M Halo or Squalo or ?? [Turnstile]
by Chuck Carpenter <w5usj@9plus.net>
67) [163097] Re: ScQRPion Paddle Dimensions

by "E. Roswell" <eroswell@monmouth.com>

Date: Sat, 13 Dec 2003 18:25:42 -0600
From: John Oppenheimer <kn5l@gte.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [163031] Re: Paddle Polarity
Message-ID: <3FDBAE06.6D3FA52B@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi John,

You have it correct, for right handers, it's thumb-dah. I wonder if anyone has the history as to why, and I'm sure that it goes way back into the old bug days. I have never seen an Iambic key jack standard. I have an Icom IC-738 and Idiom Press Logikey K3, and they are opposite of each other.

I have started, look at <http://www.la.ca.us/frandy/> in the paragraph which starts, "Two years later, on May 7, 1904, Martin filed a patent..." where pushing the lever to the right made a strings of dots.

But I wonder if any research was done to pick the direction.

John

John Farnsworth wrote:

>
> OK so tip is usually dit and ring is dah. Got it. Now let me publicly
> proclaim my ignorance and ask, for right handers, is the thumb side the dit
> or the dah?
>
> I did code for a year when I had my non-renewable Novice in the 60's, and
> even had a homebrew keyer with tubes and a handmade paddle, but it's been
> too long. I can't remember, but thumb-dah feels a little "righter" at this
> point. If I'm going to get back into morse, I might as well start off
> correctly. So can one of you fill me in?

Date: Sat, 13 Dec 2003 18:29:51 -0600
From: John Oppenheimer <kn5l@gte.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [163032] Re: Paddle Polarity

Message-ID: <3FDBAEFF.4B14FEB7@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well darn and as Nick said I did go to the paddie and still got it wrong, so embarrassing.

Nick has it correct, thanks Nick!

John

Date: Sat, 13 Dec 2003 16:31:07 -0600
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>
Subject: [163033] This is your official invitation
Message-ID: <000b01c3c1c8\$cde0fd40\$4a78da0c@mchsi.com>

TOMORROW EVENING LADIES AND GENTLEMEN

It's time to jump on the air for a couple of hours of fun and excitement chasing those piggies in the sky. You are invited to join us in this months " RUN FOR THE BACON " sprint sponsored by the Flying Pig QRP Club International.

Please make plans to jump in and mix it up with us from 0100z to 0300z Sunday evening.
<http://www.fpqrp.com/fpqrpapun.html>

This will take the place of the Sunday night net piggies but we'll have that back in place next week.

For all you non swine out there, jump in and join us !!

It will be a ton of fun for all and sending in your logs has been made real easy with the AUTOLOG on the contest page. Just plug in your numbers and the logger totals it all for you.

Come one, come all and join the fun:

72 es oo (oink oink) Jerry NOJRN FP #
546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. MP + #8
<http://home.mchsi.com/~n0jrn>

Date: Sat, 13 Dec 2003 19:46:39 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: wb8zcc@fuse.net,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [163034] Re: DC amplifier with <35 ohms output impedance
Message-ID: <6.0.0.22.2.20031213194558.047a4008@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Or even better, a 2N7000/etc.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sat, 13 Dec 2003 19:43:51 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: k3ng@qrpis.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [163035] Re: QST
Message-ID: <3FDBB247.70DA6B90@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jeez, doesn't a guy deserve some time off?

73

>

> No QRP Power column this month ? :-(

>

Date: Sat, 13 Dec 2003 19:56:48 -0500
From: "Tom" <kf4yyd@adelphia.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [163036] Elmer 160
Message-ID: <EIEBLEILGEEGMLHGH0AGOEICDAAA.kf4yyd@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm working on lesson four but ran into a stumbling block. On page 8 we use the keyword "EQU". However typing in the program as listed gives a build error. Looking up EQU in MPASM help says that the syntax should be: <label> equ <expression>.

Should the correct code be:

Spot1 equ H'30'

And if so does the number 48 (Hex 30) mean anything or is it just a place holder??

73, de Tom kf4yyd Fredericksburg Virginia

IDHACWID* QRP Club #1

*I Don't Have A Clue What I'm Doing

Date: Sat, 13 Dec 2003 20:04:12 -0500
From: "Tom" <kf4yyd@adelphia.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [163037] RE: Elmer 160 Never mind
Message-ID: <EIEBLEILGEEGMLHGH0AGKEIDDAAA.kf4yyd@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Okay right after I hit the send button I see the Spot1 variable waaaaaay over in column 1. I must of looked at that listing 20 times but I guess I should have looked 21 :(

Sorry for the BW
Tom

-----Original Message-----
From: Tom [mailto:kf4yyd@adelphia.net]
Sent: Saturday, December 13, 2003 7:57 PM
To: qrp-1
Subject: Elmer 160

I'm working on lesson four but ran into a stumbling block. On page 8 we use the keyword "EQU". However typing in the program as listed gives a build error. Looking up EQU in MPASM help says that the syntax should be: <label> equ <expression>.

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73, de Tom kf4yyd Fredericksburg Virginia

IDHACWID* QRP Club #1

*I Don't Have A Clue What I'm Doing

Date: Sat, 13 Dec 2003 20:10:28 -0500
From: VE3JC John Cumming <jbcumming@wwdc.com>
To: kn5l@gte.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163038] Re: Paddle Polarity - a useful accessory
Message-ID: <3FDBB884.7050608@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I would highly recommend making up a 3" stereo jack >> stereo plug "dongle" with the tip and ring rolled. I always take this little accessory along, so that any paddle / rig / right-left dominance can be accommodated. If you plug in the paddles and they're backward, simply add in the dongle between paddles and rig.

This has come in handy on many occasions, especially at field days, etc.

72, John VE3JC

John Oppenheimer wrote:

> Well darn and as Nick said I did go to the paddle and still got it
> wrong, so embarrassing.
>
> Nick has it correct, thanks Nick!
>
> John
>

Date: Sat, 13 Dec 2003 18:18:09 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [163039] Feeder measurments
Message-ID: <Pine.LNX.4.44.0312131729550.4692-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The talk about the old Windom antenna got me thinking about some of my Phopas. I got interested in end fed antenna's and of course the big blimps used such an antenna and it seemed to work. Then the one wire feeder must be radiating since it is un-balanced.

Now what about a balanced antenna like a dipole fed in the center with open wire line. Will this feeder radiate? How about the end fed antenna with it's open wire line?

Well the huge Engineering challenge is: How do you figure out if the feed-line is radiating? While operating in Israel with the Windom antenna I sat and wondered. Then I took a Florescent light out of the bathroom and set a book on the key and followed the feed-line out side and it was radiating like crazy! But it worked fine.

40 years later I was trying my end fed Zepp and got wondering if it had a radiating 450 ohm ribbon. I hoped it was balanced with no radiation. Forgot about the 40 years ago trick but George W5YR said get a Fluorescent light and check. If it lights it is radiating. Did it and my end fed antenna was a failure.

I also have a center fed dipole 88 feet long and decided to check it for radiation. I tried it on 80,40,30,20,18,15,24 and 10 meters and was never able to light the Florescent. So this 450 ohm ribbon is NOT radiating.

So what is this very expensive device you need to check your feed-line for radiated power? A Florescent lamp. Try not to break it.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 13 Dec 2003 20:25:34 -0500
From: "steve" <swells244@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [163040] free to needy home(puter processor)
Message-ID: <012301c3c1e1\$2bcfd8f0\$220110ac@STEVESL7X513D0>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a AMD K6-2 350mhz socket 7 processor if any one needs it.
Steve
KG4JNL

Date: Sat, 13 Dec 2003 19:49:58 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>,
CW Reflector <cw@mailman.qth.net>
Subject: [163041] FEMA SAYS BPL WILL "SEVERELY IMPAIR" ESSENTIAL HF OPERATIONS
Message-ID: <6.0.0.22.2.20031213194848.04795ec0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

QUOTING the The ARRL Letter, Vol. 22, No. 49, December 12, 2003

FEMA SAYS BPL WILL "SEVERELY IMPAIR" ESSENTIAL HF OPERATIONS

A proverbial monkey wrench in the works for BPL? Expressing "grave concerns" about likely interference from unlicensed Broadband over Power Line (BPL) systems, the Federal Emergency Management Agency (FEMA) told the FCC that BPL could "severely impair FEMA's mission-essential HF radio operations in areas serviced by BPL technology." FEMA responded December 4 to last April's FCC BPL Notice of Inquiry, ET Docket 03-104. Now part of the Department of Homeland Security--the agency said its primary worry is BPL's potential impact on the FEMA National Radio System (FNARS) on HF. FNARS is FEMA's primary command and control backup medium under the Federal Response Plan.

"FEMA has concluded that introduction of unwanted interference from the implementation of BPL technology into the high frequency radio spectrum will result in significant detriment to the operation of FEMA radio systems such as FNARS," FEMA asserted. "FNARS radio operators normally conduct communications with signals that are barely above the ambient noise levels." FNARS HF stations, FEMA said, typically are in residential areas of the sort that BPL might serve.

As part of the Department of Homeland Security, FEMA's perspectives on BPL could carry substantial weight at the FCC, which may issue a Notice of Proposed Rule Making as early as February. The FCC's BPL Notice of Inquiry has attracted more than 5100 comments--many of them from the amateur community.

FEMA said BPL also could render useless such "essential communications services" as the Radio Amateur Civil Emergency Service (RACES), the Military Affiliate Radio System (MARS) and the Civil Air Patrol. FEMA and ARRL last year signed a Memorandum of Understanding that focuses on how Amateur Radio may coordinate with the agency in disasters and emergencies.

Calling the HF spectrum "an invaluable and irreplaceable public safety resource," FEMA said there's no current alternative to HF in terms of

meeting national security and emergency preparedness requirements at the national, state and local levels. The agency advised the FCC to beef up its Part 15 rules to ensure no increase in interference levels to existing FCC or NTIA-licensed communication systems. Otherwise, FEMA predicted, "any noise increase inevitably would diminish the ability to maintain essential communications" and would "directly impair the safety of life and property."

Likewise, FEMA pointed out, amateur HF transmitters could possibly interfere with and interrupt BPL service, leading consumers not familiar with Part 15 to blame licensed radio services.

Concluded FEMA: "The purported benefits of BPL in terms of expanded services in certain communications sectors do not appear to outweigh the benefit to the overall public of HF radio capability as presently used by government, broadcasting and public safety users."

Additional information about BPL and Amateur Radio is on the ARRL Web site, www.arrl.org/tis/info/html/plc/. To support the League's efforts in this area, visit the ARRL's secure BPL Web site, <https://www.arrl.org/forms/development/donations/bpl/>.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

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LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

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Congress... but I repeat myself."
--Mark Twain

Date: Sat, 13 Dec 2003 20:43:16 -0500
From: Jeff Davis <ke9v@comcast.net>
To: qrp-l@lehigh.edu
Subject: [163042] A QRP Christmas
Message-ID: <1071366195.3077.15.camel@localhost.localdomain>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

While its been five years since I wrote it, there may be a few newbies on the list who have yet to read 'A QRP Christmas':

<http://www.ke9v.com/stories/qrpchristmas.html>

Hope you enjoy it and Merry Christmas to all!

73 de Jeff

Date: Sat, 13 Dec 2003 18:44:24 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: <k5di@zianet.com>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [163043] Re: ARRL 10 meter contest
Message-ID: <BC010E88.102F9%JamesDuffey@comcast.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Karl - I would say that people don't listen to the 10 M QRP frequency.

... "I am convinced 10 meters is open a lot of the time but no-one is calling CQ."...

Many times when I have heard 10 M beacons coming in at S9 from populated areas (Laguna Beach, Long Beach, Texas, Florida) and called CQ on 28.060 MHz with nary a reply. In fact, more often than not, when I call CQ on 10 M, Tom WB5QYT, a local replies.

So calling is only half the solution, somebody has to be listening. And

QRPers don't listen much on 10 M.- Dr. Megacycyle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Sat, 13 Dec 2003 21:04:11 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <kf4yyd@adelphia.net>
Subject: [163044] Re: Elmer 160 Never mind
Message-ID: <02c801c3c1e6\$91b0ae60\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom

That's not uncommon. One of the frustrating things about programming is you can look at an error a thousand times, and somebody else will see it immediately. Somehow these computers have a way of hiding that sort of thing.

If you look farther down the page (and maybe I should have belabored the point a bit, because it is important), we are going to use file register location H'30' (D'48') to store a byte of data. The EQU instruction simply tells the assembler that when we say Spot1 we really want it to think H'30'. We just find Spot1 a little more convenient than H'30'.

Now in this case, we only have one memory cell we are using, so we could have picked any number from H'0C' through H'4F'. As we write more complex programs, though, we'll need to watch how much of that memory we use. On some other PICs, the memory cell we choose can actually matter. On the 16F84, though, all 56 file register locations are created equal.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----
From: "Tom" <kf4yyd@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 13, 2003 8:04 PM
Subject: RE: Elmer 160 Never mind

> Okay right after I hit the send button I see the Spot1 variable waaaaaay
> over in column 1. I must of looked at that listing 20 times but I guess I
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> Tom
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> To: qrp-l
> Subject: Elmer 160
>
>
> I'm working on lesson four but ran into a stumbling block. On page 8 we
use
> the keyword "EQU". However typing in the program as listed gives a build
> error. Looking up EQU in MPASM help says that the syntax should be:
<label>
> equ <expression>.
>
> Should the correct code be:
>
> Spot1 equ H'30'
>
> And if so does the number 48 (Hex 30) mean anything or is it just a place
> holder??
>
> 73, de Tom kf4yyd Fredericksburg Virginia
>
> IDHACWID* QRP Club #1
>
> *I Don't Have A Clue What I'm Doing
>
>
>

Date: Sat, 13 Dec 2003 20:12:45 -0600
From: George Fremin III <geoiiii@kkn.net>
To: Ken <kloc@commspeed.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163045] Re: IRC QRP channel?
Message-ID: <20031214021245.GA6961@kkn.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Sat, Dec 13, 2003 at 01:27:41PM -0700, Ken wrote:
> Group,
>
> Is there an irc server and channel for qrp related chat?

7040, 3560

--
George Fremin III - K5TR
geoiiii@kkn.net
<http://www.kkn.net/~k5tr>

Date: Sat, 13 Dec 2003 21:24:26 -0500
From: Alex <kr1st@amsat.org>
To: geoiiii@kkn.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [163046] Re: Hello? Hello? CQ 10m
Message-ID: <3FDBC9DA.776604DA@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George Fremin III wrote:

> I have a guest op at my station and he has about 1200 contacts
> so far - 19z - so I think he is hearing a few things.

At least he heard me. :)

There are some really interesting openings at times.

73,
--Alex KR1ST

Date: Sat, 13 Dec 2003 21:25:35 -0500
From: "steve" <swells244@bellsouth.net>
To: <swells244@bellsouth.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [163047] Re: free to needy home(puter processor)
Message-ID: <015501c3c1e9\$8e5a01f0\$220110ac@STEVESL7X513D0>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Processor is spoken for.

Steve

----- Original Message -----

From: "steve" <swells244@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 13, 2003 8:25 PM
Subject: free to needy home(puter processor)

> I have a AMD K6-2 350mhz socket 7 processor if any one needs it.
> Steve
> KG4JNL

Date: Sat, 13 Dec 2003 21:51:56 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [163048] Re: ARRL 10 meter contest
Message-ID: <3FDBD04C.31C00AA0@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"James R. Duffey" wrote:

> So calling is only half the solution, somebody has to be listening. And
> QRPers don't listen much on 10 M.- Dr. Megacycyle KK6MC/5

I installed an HTX-10 (with resonant feedline dipole in the tree)
specifically for this purpose. Granted, I do not monitor the QRP
frequencies on 10 meters, but most of the time the HTX-10 is turned on,
on 28.4, when I'm in the shack.

Btw, the path TX-SC doesn't seem to close today. Still hearing K5TR
(Ken) with S9 signal when I write this (02:48 UTC). Heard the ZK1 he
worked, too. Time to get back to work on 10.

73,

--Alex KR1ST

<http://www.kr1st.com>

Date: Sat, 13 Dec 2003 22:00:11 -0500
From: Joel M Denison <hamjoel@juno.com>
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [163049] OFF, MY TOPIC ALSO.....:-)
Message-ID: <20031213.220227.1132.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KE1LA
Joel Denison
Strong, Maine, 04983

HIGH y'all

yea Martha ah is still alive, i think... flew my airplane yesterday... did an instrument approach and landed on the numbers with the nose wheel on the center line.... probably a once in a lifetime thing, however it was nice...

been flying from ny to portland maine to augusta maine to bangor maine to rangely maine and back to portland maine... amazing

now if i can just figure out how to get into a real plane and do the same thing... wow... U KNEAUX, i had one of them computer nerds come make me a flying plane chair... one what i could sit in and the chair would follow the movements of the computer plane... even had wings on the chair...was a fancy thing, has gyros and gismos that would let the chair follow the plane in any position... only thing missing was the g-forces...had three monitors one foreward left and right... so man it was real, i'll tell you...

thought ah was a kid again flying and looping and rolling... till the computer glitched, that is... ah turned and rolled and done whatever for 7 hours till the wife come back from school and unplug everything... man was ah motion sick...

needless to say the chair is now in a few folks sneaux mobiles and other things.... 'mazing what a man gonna do to his-self an't it.... I got back to working my k2 on sstv and some psk... seems lots safer...

ke1la

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 13 Dec 2003 22:09:28 -0500
From: Joel M Denison <hamjoel@juno.com>
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [163050] LOOKIN FOR A HOME...
Message-ID: <20031213.220929.1132.3.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

i HAVE an ft101B and the remains of an old computer to pass on
the 101 works, just the rec and xmit don't work on the same freq...
pot adj I think...
the computer.... wore out... pwr supply good and I guess other
things...also...

KE1LA
Joel Denison
Strong, Maine, 04983

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 13 Dec 2003 19:37:59 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-1@lehigh.edu
Subject: [163051] Re: Hello? Hello? CQ 10m
Message-ID: <20031214033759.GA30793@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; Format=Flowed; DelSp=Yes; charset=ISO-8859-1
Content-Disposition: inline
Content-Transfer-Encoding: 8bit

On 12/13/03 18:24:26, Alex wrote:
> George Fremin III wrote:
>
> > I have a guest op at my station and he has about 1200 contacts
> > so far - 19z - so I think he is hearing a few things.
>
> At least he heard me. :)
>

> There are some really interesting openings at times.

He heard me also. I think I heard (and worked) more TX stations today during the contest than any other state (locals excepted). I have only worked one DX country (CX) however. Conditions for QRP contesting are sure down from the CQWW-CW a few weeks ago.

Bob, N7XY
Bainbridge Island, WA

Date: Sat, 13 Dec 2003 21:57:23 -0600
From: "Frank Emens" <femens@hiwaay.net>
To: kn5l@gte.net
Cc: qrp-l@lehigh.edu
Subject: [163052] Re: Paddle Polarity
Message-ID: <3FDB8B43.29519.3611AED@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

The convention for right handers is forefinger dah and thumb dit. That dates back to the old original mechanical 'bug' keys with the vibrating reed to make dots. The forefinger gets the job of making dahs because the dashes must be 'hand made' and that takes a fairly agile finger. The thumb gets the job of making dits because it only has to throttle the stream of dots off and on, not make each individual dot. Also because it can deliver a healthy swipe to the paddle to start the reed vibrating.

--
Frank Emens
femens@hiwaay.net
Huntsville, Alabama

Date: Sat, 13 Dec 2003 22:20:02 -0600
From: "Mike Duke, K5XU" <k5xu@jam.rr.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [163053] 80 meter qrp
Message-ID: <00ad01c3c1f9\$8cef0d00\$83d0a418@jam.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Well, after reading several posts about the lack of activity around 3560, and, after working everything I could hear on 10 meter ssb and cw today, I decided to fire up at 5 watts on 3560.

I called 2 or 3 cqs, but drew nothing. A minute or so later, I heard another station calling cq, and answered him.

That resulted in a nice qso with David, AA5SR, in Texas City, TX. That's not exactly a record-breaking distance from Jackson, Ms, but, the reports were 599 both ways, even off the back of my Alpha Delta quarter wave sloper.

He was running 100 watts. But, after learning that I was only running 5 watts, he turned his TS870 down.

Sure enough, he was still 599. We talked until a traffic net began a few minutes ago.

How many of us got our qrp start by trimming the wick after learning that the other party was only running 5 watts or less?

There is indeed lots of room on 80 meters, including the nearly empty Novice/Tech band. If you're tired of the congestion on 40, get as much wire out as you can, and go for it!

Mike Duke, K5XU
American Council of Blind Radio Amateurs

Date: Sat, 13 Dec 2003 23:43:18 -0500
From: <bill@n4qa.com>
To: <qrp-l@Lehigh.EDU>
Subject: [163054] SNOM0J0?
Message-ID: <0000001c3c1fc\$ffe7b340\$8f24ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No doubt some of the old-timers have witnessed this before...
Was working 20 'til about 2200 UTC Saturday and the band went stone-cold-dead but I left the DSW-20 on.
It began snowing here at about 0200 UTC Sunday. Jumped outta the La-Z-Boy to see who was so loud on 14060. It was W4EDE but he got away before I could get to the paddles.

Anyway, I called CQ and was answered by N1WPU, Ted, in Stockton, Maine. Had a short QSO w/Ted, then I got busy doing somethin' else. Came back to the rig and heard several sigs near 14060 but far enough removed to allow another CQ on my part...this was about 0322 UTC. One by one, I was called by the three others who were listening on 14060 and had nice QSOs with:
N0FAA, David, in Ashland, Missouri
W9DYG, Fred, in Milwaukee, Wisconsin
KG8WF, Vince, in Traverse City, Michigan
Now, the freq is quiet again but I believe it's only because everybody is in bed or somethin'...
Uh oh, there's somebody dittting...
Here we go again???

73.
Bill, N4QA
<http://www.n4qa.com>

Date: Sat, 13 Dec 2003 23:48:44 -0500
From: w2bvh <w2bvh@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [163055] 10 Meters at night
Message-ID: <3FDBEBAC.2070803@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Had quite a few QSO's on 10 meters tonight. As far as CA from NJ at 11:30 local. And this is with a sfi of 80.

So much for the idea that 10 meters tanks with low sfi and at night. This is a much more flexible band than many people think.

73,
Lenny W2BVH

Date: Sat, 13 Dec 2003 22:37:54 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [163056] Re: [162975] DC amplifier with <35 ohms output impedance
Message-ID: <5.1.1.6.2.20031213223055.00a268c0@mail.earthlink.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Jason,

The V_{os}/I_{sc} calculation only works if the circuit remains linear over that entire operating range (including short circuit). The LM324 (and most other op-amps) does not, because it has a current limiter to protect the output from shorts. The LM324 limits its output current to about 20mA. If you were to measure the output impedance with the load current limited to, say, 10mA it would be as the textbooks predict.

72,

--Tim (KR0U)

>"Jason Hsu" <jhs001@heronetwork.com>:

>

>I'm trying to design a DC amplifier with less than 35 ohms of output
>resistance. I need such a low output impedance, as the load is only about
>700 ohms.

>

>The design I've been trying to make work is an LM324 op amp. The
>amplification part is easy enough. Minimizing the output resistance is the
>hard part. Although I tried using the classic noninverting buffer amplifier
>for the last stage (input into + input port, output port connected to -
>input port), but the output resistance I'm measuring (open circuit voltage
>divided by short circuit current) is a whopping 84 ohms!

>

>What gives? I thought the output resistance of most op amps is on the order
>of 100 ohms. Using a voltage follower circuit in the last stage is supposed
>to reduce the output resistance by a factor of A, in which A is the
>open-loop amplification, which is at least 100,000 at DC.

Date: Sun, 14 Dec 2003 00:01:05 -0600

From: Rob Matherly <jimrob@jetnetinc.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,
"Flyin' Porkers" <fpqrp-l@fpqrp.com>

Subject: [163057] Wireless Key?

Message-ID: <200312140001.05851.jimrob@jetnetinc.net>

Content-Type: text/plain;
charset="us-ascii"

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable

Hey all;

In this month's QST, there is an article about a wireless key that operates around 430MHz. The article states it has a range of 300 feet. I was curious... If I were to build a milliwatt rig, mount it in PVC pipe at the feedpoint of an antenna, and remotely key it with this wireless key setup, how would that figure for band credit?

My way of thinking would be that it would count for the band the transmitter is on, most likely 40, but I'm curious if the fact that that I'd be keying the rig on 70cm would throw a wrench into any sort of paper chasing....

--=
=

72/73/oo - Rob, W0JRM - jimrob@jetnetinc.net - ARRL MEMBER
FPQrp -330; QRPp-I #19; WATPK #1; ARS #1143; Iowa QRP #143
Are you a gun nut? http://groups.yahoo.com/group/gun_nut_hams
My Weblog: <http://lairofconfusion.blogspot.com> <--- Not ham related!!!

Date: Sun, 14 Dec 2003 00:17:07 +0700
From: =?iso-8859-1?Q?bam_yb=D8ko/1_SOETRISNO?= <unclebam@indosat.net.id>
To: qrp-1@Lehigh.EDU, k5di@zianet.com
Subject: [163058] Re: Re[2]: Single wire feed Windom?
Message-ID: <002101c3c20b\$fab06980\$b8429bca@kodokijo>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 8BIT

k5di de yb ko/1,

YESS, karl it was named after loren windom, w8gz who invented this design back some 5 or 6 decades ago i used it myself fr quite sometime back in late 60s, 80-40M, with hmbw qro tx final tubes ranged from 807, 12gb7, 832, 6p3s or gu50 - the last two were russian made, or went qrp with 12au7-el41 oscillator-doubler-final configuration with pi-section output circuit had no problem to match with the hi-impedance "single wire" feeder line

72/73
bam, yb ko/1

----- Original Message -----

From: "Karl Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, December 13, 2003 7:54 PM
Subject: Re[2]: Single wire feed Windom?

..... I never heard it called a VS1AA antenna. I found it in
the 1952 ARRL Antenna Book and it was called a Windom, I think named for a
Ham who used it

Date: Sun, 14 Dec 2003 01:35:10 -0500
From: "Paul Valko - W8KC" <w8kc@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [163059] 3.560 MHz Streaming audio
Message-ID: <000701c3c20c\$6c905420\$6401a8c0@hamshack1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just for yucks, I'm streaming audio of whatever QRP activity shows up on
3560 tonight.

<http://www.w8kc.com/stream.aspx>

Give it a listen if you get the chance. QSLs via email appreciated.

It's my Corsair with the 1.8kc filter in line. Ant is a low 80M dipole with
ladder line through an LDG At-11.
QTH is about 30 miles north of Detroit.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at <http://mywebpages.comcast.net/w8kc>

Date: Sun, 14 Dec 2003 01:37:49 -0800
From: Dan Presley <dpresley1@comcast.net>
To: qrp-1@lehigh.edu

Subject: [163060] 80 M fox

Message-ID: <p05010407bc01dd374e02@[192.168.123.131]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii" ; format="flowed"

I've been a fox for the past 5 or 6 seasons, and I have to throw in my 2 cents-if you want to do 80, make it a separate day/time as 1.) lots of us don't have efficient antennas up presently for 80, and 2.) switching bands in the middle of the event I think is a bad idea. By the time you track down a clear frequency, get everything re-set for the new band (rig, tuner, log) you've lost at least 10-15 minutes. Also don't forget that a lot of conditions are 'local'- by that I mean I might be hearing lots of stations at my location while it 'sucks' at yours. I hardly heard a thing the other night, but George, K5TR still knocked off a very respectable run of 84 Q's, which is better than some foxes have had in the 'glory' days of better propagation. Those who have a good setup for 80 could run on say, Thursdays, or they could run on Tuesdays, but I think it's better to split it up a bit.

Don't misunderstand me- there's nothing wrong with doing this on 80 and increasing activity on the band-just do it separately from the existing 40 M hunts. It'll be a lot cleaner and also more successful.

--

Dan Presley-N7CQR-Portland, Or QRP-L #502

n7cqr@arrl.net

Date: Sun, 14 Dec 2003 07:47:13 -0500

From: "Paul Valko - W8KC" <w8kc@comcast.net>

To: "Paul Valko - W8KC" <w8kc@comcast.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [163061] Still running... Re: 3.560 MHz Streaming audio

Message-ID: <001201c3c240\$664fb0e0\$6401a8c0@hamshack1>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

It's Sunday morning now and I'll leave this up for awhile longer.

----- Original Message -----

From: "Paul Valko - W8KC" <w8kc@comcast.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, December 14, 2003 1:35 AM

Subject: 3.560 MHz Streaming audio

> Just for yucks, I'm streaming audio of whatever QRP activity shows up on
> 3560 tonight.
>
> <http://www.w8kc.com/stream.asx>
>
> Give it a listen if you get the chance. QSLs via email appreciated.
>
> It's my Corsair with the 1.8kc filter in line. Ant is a low 80M dipole
with
> ladder line through an LDG At-11.
> QTH is about 30 miles north of Detroit.
>
> 73! =paul= W8KC
> Collector of Ten*Tecs and other fine plastics.
> Visit the Virtual Ten*Tec Museum at <http://mywebpages.comcast.net/w8kc>
>

Date: Sun, 14 Dec 2003 07:56:50 -0500
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-l@Lehigh.EDU>
Subject: [163062] Last Call 11 Days before Christmas
Message-ID: <003701c3c241\$bd9b7310\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I am still making the 2004 QRP Contest Calendars to fill orders.

This is my last call for anyone that would like to place an order for a 2004 QRP Contest Calendar. If you pay via Pay Pal I can get the calendar out the next day. If by check or money order I will have to wait for it to reach me. Check www.n3epa.org for more details.

I would like to thank all those fellow QRP'ers that did purchase the calendar this year.

I hope everyone can have a Safe and Happy Holidays.

72
Ron de N3EPA
EPA QRP Club

n3epa@verizon.net
www.n3epa.org

Date: Sun, 14 Dec 2003 08:54:37 -0500
From: Jim Lyons <lyons@canada.com>
To: unclbam@indosat.net.id,
 Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163063] Re: Re[2]: Single wire feed Windom?
Message-ID: <jbm.20031214085437.47dd2bfe@Sigi>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1
Content-transfer-encoding: 8BIT

> Date: Sun, 14 Dec 2003 00:17:07 +0700
> From: bam yb ko/1 SOETRISNO <unclbam@indosat.net.id>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> ReplyTo: unclbam@indosat.net.id
> Subject: Re: Re[2]: Single wire feed Windom?
>
> k5di de yb ko/1,
>
> YESS, karl it was named after loren windom, w8gz who invented this
> design back some 5 or 6 decades ago i used it myself fr quite
> sometime back in late 60s, 80-40M, with hmbrw qro tx final tubes
> ranged from 807, 12gb7, 832, 6p3s or gu50 - the last two were russian
> made, or went qrp with 12au7-el41 oscillator-doubler-final configuration
> with pi-section output circuit had no problem to match with the
> hi-impedance "single wire" feeder line
>
> 72/73
> bam, yb ko/1
>
>
>
> ----- Original Message -----
> From: "Karl Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Saturday, December 13, 2003 7:54 PM
> Subject: Re[2]: Single wire feed Windom?
>
>
> I never heard it called a VS1AA antenna. I found it in the 1952
> ARRL Antenna Book and it was called a Windom, I think named for a Ham
> who used it

Isn't the Windom a twin feeder antenna where as the VS1AA is a single "feeder" antenna. As someone pointed out the single line "feeder" is, in fact, a vertical radiator. Also VS1AA chose different guages for the top and "feeder", it is, indeed, a different antenna from the Windom, the only thing they share is the off-centre feed point though one, the WIndom I believe, set that at exactly one third of the way along the antenna, whereas on the VS1AA the precise feed poit was adjusted, perhaps for maximum current; I forget.

Jim Lyons, VE2KN

Date: Sun, 14 Dec 2003 09:04:57 -0500 (Eastern Standard Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: <qrp-1@Lehigh.EDU>, <w8kc@comcast.net>
Subject: [163064] Re: Still running... Re: 3.560 MHz Streaming audio
Message-ID: <3FDC6E09.000001.02704@compaq1500>
MIME-Version: 1.0
Content-Type: Text/Plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

9 AM eastern time - I think I heard myself quite well but the stream was very broken, perhaps a slower data rate would have helped. QTH near Cleveland, OH K2 @ 5W to a dipole 25 ft up.
73/72 - Mike WA8BXN

Date: Sun, 14 Dec 2003 09:19:25 -0500
From: Peter Burbank <peterlee@qx.net>
To: dpresley1@comcast.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [163065] Re: 80 M fox
Message-ID: <5.2.0.9.0.20031214085452.00a30ae0@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:37 AM 12/14/2003, Dan Presley wrote:

>I've been a fox for the past 5 or 6 seasons, and I have to throw in my 2
>cents-if you want to do 80, make it a separate day/time as 1.) lots of us
>don't have efficient antennas up presently for 80, and 2.) switching bands

>in the middle of the event I think is a bad idea. By the time you track
>down a clear frequency, get everything re-set for the new band (rig,
>tuner, log) you've lost at least 10-15 minutes. Also don't forget that a
>lot of conditions are 'local'- by that I mean I might be hearing lots of
>stations at my location while it 'sucks' at yours. I hardly heard a thing
>the other night, but George, K5TR still knocked off a very respectable run
>of 84 Q's, which is better than some foxes have had in the 'glory' days of
>better propagation. Those who have a good setup for 80 could run on
>say, Thursdays, or they could run on Tuesdays, but I think it's better to
>split it up a bit.
> Don't misunderstand me- there's nothing wrong with doing this on 80 and
> increasing activity on the band-just do it separately from the existing
> 40 M hunts. It'll be a lot cleaner and also more successful.
>--
>Dan Presley-N7CQR-Portland, Or QRP-L #502
>n7cqr@arrl.net

Dan es gang,
I certainly agree with this separate day idea as my best antenna is a
vertical with a base tuner. Switching to 80 requires
tramping outside with the MFJ and a flashlight in the dark and (right now)
snow and retuning. Not my idea of fun.
But on a separate day I could do it easily and the hunt would be enjoyable.
Your idea would also allow the committee to select a day and time to avoid
interference with any CW nets.
73 Pete NV4V Kentucky

Date: Sun, 14 Dec 2003 09:25:08 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: "Mike Duke, K5XU" <k5xu@jam.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [163066] Re: 80 meter qrp
Message-ID: <3FDC72C4.AA250321@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

As an OT it both pleases me and surprises me that so ,any of you are
finding 80 meters. 80 is an old band. When I first got my Novice
license in 1956 80 was among the first bands I used.

Remember, back then ALL the bands were more sparsely occupied, but on 80

I could find a S0 at almost any time of the day or night.

Through the years I have found different patterns of activity on one of my favourite bands. In California activity seemed to start in the mid afternoon. Here in Maryland the activity seems to start in the early evening.

But, the activity is there almost everyday. And contacts are almost universally easy to make. As Mike says, if you are disenchanted with the congestion on 40 meters, try 80. You will be surprised. You will be enchanted. At this time of the year 80 brings along with it all the features of 40 without the crowd.

It is easy to get on too. Several years ago I wanted to try 80 again, but my 40 foot long wire would not load. I added an MFJ ground tuner and found my Argonaut would finally load. Once again I was able to work stations on 80 meters. Even with a 40 foot long wire I was able to work stations.

I'll say it too, try it, you'll like it!

73

Date: Sun, 14 Dec 2003 09:35:26 -0500
From: "W. Keith Hibbert" <wkhibbert@frontiernet.net>
To: qrp-l@lehigh.edu
Subject: [163067] Re: SNOMOJO?
Message-ID: <5.1.0.14.0.20031214092926.009eaac0@pop3.frontiernet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello, Keith here in the Depths of the Great Bergen Swamp

SnoMojo maybe, but I would put my money on Sporadic-E propagation.

This time of the year we get a secondary peak in E-Skip and while it's not usually counted as a regular propagation mode for 20 Meters, but it works and the paths are 200 - 1000 miles with strong signals. Even fairly high-angle antennas get out quite well on E-Skip.

A pity, I was awake then, but was paying more attention to the box of Kleenex (tm) that was keeping me company...

73, Keith, WB2VU0, Trustee of the NQ2RP/B 10-Meter Beacon
28.2873 MHz on Your Radio Dial - 24/7

Date: Sun, 14 Dec 2003 10:02:47 -0500
From: Jimmy Lee <jrlaudio@bellsouth.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [163068] AZ Paddle?
Message-ID: <3FDC7B97.C98C33AF@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

When will the next serial number list be published. I am looking forward to seeing my call on the owners list!! Thanks for taking the time to do this kit.
Jimmy, AE4DT

Date: Sun, 14 Dec 2003 09:31:11 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "Flyin' Porkers" <fpqrp-1@fpqrp.com>
Subject: [163069] Re: [fpqrp] Wireless Key?
Message-ID: <2003121493111.359072@EOS>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

On Sun, 14 Dec 2003 00:01:05 -0600, Rob Matherly wrote:

>
> In this month's QST, there is an article about a wireless key that
> operates around 430MHz. The article states it has a range of 300
> feet. I was curious... If I were to build a milliwatt rig, mount
> it in PVC pipe at the feedpoint of an antenna, and remotely key it
> with this wireless key setup, how would that figure for band credit?
>
> My way of thinking would be that it would count for the band the
> transmitter is on, most likely 40, but I'm curious if the fact that
> that I'd be keying the rig on 70cm would throw a wrench into any
> sort of paper chasing....

I think you're correct. You would not be in QSO with the station on 430 MHz.

Tim, N9PUZ

Date: Sun, 14 Dec 2003 10:57:10 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [163070] WTB: AT Sprint
Message-ID: <3FDC8856.6020304@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Well, I've been too late twice. I am still looking for an AT Sprint,
built or unbuilt.

Johnh W2AGN

Date: Sun, 14 Dec 2003 10:57:24 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [163071] Elmer 160: PIC-EL Preview
Message-ID: <001201c3c25a\$f7b90990\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's a little preview for those of you with fast connections. I apologize
for the quality ... I didn't want a 10 Mb file, one meg is bad enough:

<http://www.qsl.net/wb8rcr/Programming.ASF>

OK, it's a little lame, but I'm pretty geeked about this PIC-EL. Don't look
at it too close, though. Not only is it a prototype board with no screen or
mask, but it's also populated with what I had in the junk box, rather than
"official" parts. Fortunately, the quality of the video is bad enough that
you can't see how I hacked the poor board to accomodate what parts I had!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 14 Dec 2003 11:11:03 -0500
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [163072] WTB: 6M Halo or Squalo or ??
Message-ID: <Law9-0E47A1CMfKZ6k50000b539@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for some antennas for local 6M AM work. Needs to be small,
omni-directional and horizontally polarized. About the only thing that
comes to mind is a 6M halo or squalo. Anyone on the list have one that is
surplus or any ideas?

Alan, N3BJ
Bent Mountain, VA

Date: Sun, 14 Dec 2003 08:21:57 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [163073] Re: Re[2]: Single wire feed Windom?
Message-ID: <20031214162157.GA2085@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; Format=Flowed; DelSp=Yes; charset=ISO-8859-1
Content-Disposition: inline
Content-Transfer-Encoding: 8bit

On 12/14/03 05:54:37, Jim Lyons wrote:

> > Date: Sun, 14 Dec 2003 00:17:07 +0700
> > From: bam yb ko/1 SOETRISNO <unclebam@indosat.net.id>
> > To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> > ReplyTo: unclebam@indosat.net.id
> > Subject: Re: Re[2]: Single wire feed Windom?
> >
> > k5di de yb ko/1,
> >
> > YESS, karl it was named after loren windom, w8gz who invented
> > this
> > design back some 5 or 6 decades ago i used it myself fr quite
> > sometime back in late 60s, 80-40M, with hmbw qro tx final
> > tubes
> > ranged from 807, 12gb7, 832, 6p3s or gu50 - the last two were
> > russian

> > made, or went qrp with 12au7-el41 oscillator-doubler-final
 > configuration
 > > with pi-section output circuit had no problem to match with
 > the
 > > hi-impedance "single wire" feeder line
 > >
 > > 72/73
 > > bam, yb ko/1
 > >
 > >
 > >
 > > ----- Original Message -----
 > > From: "Karl Larsen" <k5di@zianet.com>
 > > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 > > Sent: Saturday, December 13, 2003 7:54 PM
 > > Subject: Re[2]: Single wire feed Windom?
 > >
 > >
 > > I never heard it called a VS1AA antenna. I found it in the
 > 1952
 > > ARRL Antenna Book and it was called a Windom, I think named for a
 > Ham
 > > who used it
 >
 >
 >
 > Isn't the Windom a twin feeder antenna where as the VS1AA is a single
 > "feeder" antenna. As someone pointed out the single line "feeder"
 > is,
 > in
 > fact, a vertical radiator. Also VS1AA chose different guages for the
 > top
 > and "feeder", it is, indeed, a different antenna from the Windom, the
 > only
 > thing they share is the off-centre feed point though one, the WIndom
 > I
 >
 > believe, set that at exactly one third of the way along the antenna,
 > whereas on the VS1AA the precise feed poit was adjusted, perhaps for
 > maximum current; I forget.

I don't know anything about the VS1AA, but the Windom IS a single
 feeder antenna, which I think originated in the 1930s. I believe the
 twin-feeder version came out in the 1950s (at least that was when I
 first saw an article and built one using 75-ohm twin-lead and a B&W
 air-core balun). The Windom name got applied to that as well, although
 I don't believe that Windom himself had anything to do with it.

73,
Bob, N7XY

Date: Sun, 14 Dec 2003 10:28:32 -0600
From: "Joe Martin" <km5cw@wt.net>
To: "QRP-1" <qrp-1@Lehigh.EDU>
Subject: [163074] Re: AZ Paddle?
Message-ID: <025501c3c25f\$527ab140\$ae8f77d8@JoesHome1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It will be worth the wait Jimmy, that's for sure. Also if you have considered adding a new keyer to compliment the ScQRPion Key, may I submit that the NorCal keyer with 3 40 char. sections plus the setup menu for A & B and all the other goodies is impossible to beat for the price. I got mine in the mail the other day and had a Cinnamon altoids box waiting for it. It's a blast to play with and all that memory power will be great for contesting. Hope you get it in time for Christmas.

Also I found a batch of old good shape sanding sheets of 1000 and 2000 laying about and used them to finish out my brass prior to a light polish and buff with the MAAS metal polish. It proved to be a great help to get that deep brass look I was looking for.
Hope to catch you on the air with it.

72 de KM5CW, Joe
FP#-697 ARCI #11368 FISTS#4217
GRID EM13kf FtWorth,Tx
32:49:31N 97:06:13W
(<http://www.km5cw.org>)

-----| Virus Scanned by Symantec |-----
----- Original Message -----
From: "Jimmy Lee" <jrllaudio@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, December 14, 2003 9:02 AM
Subject: AZ Paddle?

> When will the next serial number list be published. I am looking
> forward to seeing my call on the owners list!! Thanks for taking the
> time to do this kit.
> Jimmy, AE4DT
>
>

Date: Sun, 14 Dec 2003 12:05:06 -0500
From: "Tom" <kf4yyd@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [163075] RE: Elmer 160: PIC-EL Preview
Message-ID: <EIEBLEILGEEGMLHGH0AGAEI0DAAA.kf4yyd@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John it looks good....I put my order in the other day so I'm looking forward to getting it when they ship (early next month I think). Though I have to admit I missed the name of "Pickle" for some dumb reason I thought it was PIC L oh well back to lesson 4.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of John J. McDonough
Sent: Sunday, December 14, 2003 10:57 AM
To: Low Power Amateur Radio Discussion
Subject: Elmer 160: PIC-EL Preview

Here's a little preview for those of you with fast connections. I apologize for the quality ... I didn't want a 10 Mb file, one meg is bad enough:

<http://www.qsl.net/wb8rcr/Programming.ASF>

OK, it's a little lame, but I'm pretty geeked about this PIC-EL. Don't look at it too close, though. Not only is it a prototype board with no screen or mask, but it's also populated with what I had in the junk box, rather than "official" parts. Fortunately, the quality of the video is bad enough that you can't see how I hacked the poor board to accomodate what parts I had!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 14 Dec 2003 10:07:50 -0700

From: "M.M." <markem@cox.net>
To: qrp-l@Lehigh.EDU
Subject: [163076] Re: WTB: 6M Halo or Squalo or ??
Message-ID: <6.0.0.22.0.20031214100407.02730b50@pop.west.cox.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:11 12/14/03, Alan Fryer wrote:

>Looking for some antennas for local 6M AM work. Needs to be small,
>omni-directional and horizontally polarized. About the only thing that
>comes to mind is a 6M halo or squalo. Anyone on the list have one that is
>surplus or any ideas?

Build one. It's cheap and easy and they work well. I built this one:

<http://www.qsl.net/k4pwo/sloop.htm>

and it works great.

Here are some others:

<http://ac6v.com/antprojects.htm#6M>

73... Mark AA7TA

Date: Sun, 14 Dec 2003 16:41:12 -0000
From: "brian russell" <brian-nsl@freenet.co.uk>
To: <qrp-l@lehigh.edu>
Subject: [163077] Re: Re[2]: Single wire feed Windom?
Message-ID: <002101c3c266\$5402aca0\$932a2850@briandlatmd1ba>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi gang,

In my antenna files I have an article from Short Wave Magazine of June, 1967 entitled "Thoughts on the VS1AA Antenna " in the article it states that the original single feed antenna was by Loren Windom, W8GZ, (I have a copy of his QSL from Reynoldsberg, Ohio) later modified in 1930 by G2BI, and later still by VS1AA, who was ex GM3IAA, some confusion has arisen over VS1AA as that call has been held by many amateurs over the years as it was regularly re-issued.

Great this historical stuff hi!

72, Brian. G NSL-QRP.

----- Original Message -----

From: "George Franklin" <w0av@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, December 13, 2003 8:01 PM

Subject: Re: Re[2]: Single wire feed Windom?

> Gents,

>

> As I recall, one of Mr. Windom's calls was VS1AA.

>

> 73 de George/W0AV

Date: Sun, 14 Dec 2003 12:28:37 -0500

From: David Beach <VE3STI@rac.ca>

To: <qrp-1@lehigh.edu>

Subject: [163078] Elmer 160: PIC-EL - program chips besides 'F84?

Message-ID: <BC0207F5.1AF1%VE3STI@rac.ca>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

The PIC-EL looks like a terrific tutorial board.

Once the tutorial is over, what is the potential for programming PICs other than the 'F84 series with the board? (For example, the 'F628.) I presume this is a hardware/software issue involving both the PIC-EL board and the programming software (FPP). I have never used FPP (I am using P16Pro, an old DOS program). The official PIC-EL page makes no comment.

Anyone know enough about the hardware and software to comment on what the potential and limitations might be?

(I decided not to send this directly to the Elmer 160 gang since I am sure they are flooded with mail and this is not directly related to the tutorial. However, if any of the designers wish to comment, feel free!)

David Beach
VE3STI

Date: Sun, 14 Dec 2003 12:30:55 -0500
From: "Howard Kraus" <K2UD@adelphia.net>
To: <N3BJ@hotmail.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [163079] Re: 6M Halo or Squalo or ??
Message-ID: <001001c3c268\$07f83440\$9f131443@kntnny.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try Dick Stroud's Jan 2002 QST article about using a discarded lawn chair to form a 6M squalo. It's also on the League's web site under "For Members Only." Though I have some halos (not for sale, sorry), I may try Dick's idea with one of my "leaning" lawn chairs. I may try one for 10M also if I can come up with some way of bending aluminum tubing without kinking it.

GL es 72

Howard Kraus, K2UD
----- Original Message -----
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, December 14, 2003 11:11 AM
Subject: WTB: 6M Halo or Squalo or ??

> Looking for some antennas for local 6M AM work. Needs to be small,
> omni-directional and horizontally polarized. About the only thing that
> comes to mind is a 6M halo or squalo. Anyone on the list have one that is
> surplus or any ideas?
>
> Alan, N3BJ
> Bent Mountain, VA

Date: Sun, 14 Dec 2003 12:38:48 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [163080] Elmer 160: PIC-EL Preview - again
Message-ID: <008901c3c269\$21ce03d0\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Several folks had trouble with the ASF format ... it is a relatively recent Microsloth format, and who knows how many variants there are. Some browsers don't even recognize it as a movie. Sooooo.... I made an MPEG version which ought to be a little more friendly to folks who don't have all the latest and greatest from Redmond. Unfortunately, at maximum compression, it's still over 3Mb, and the quality is just as bad as the ASF.

<http://www.qsl.net/wb8rcr/Prog5.mpg>

Also, it looks like qsl.net doesn't have enough gas to deliver this as it plays, so you need to right-click the above link and select Save Target As... Then you can run the saved file.

Does seem like a lot of trouble for a 40 second video!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 14 Dec 2003 12:39:34 -0500
From: <bill@n4qa.com>
To: <qrp-l@Lehigh.EDU>
Subject: [163081] Re: SNOMOJO?
Message-ID: <000301c3c269\$3e086ccc0\$4726ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Keith and group,
FB on the sporadic-E propagation.
As you mentioned, the sigs I copied on 20 in the wee hours LT were extremely strong at times.
I was still copying WWV,WWVH(15000 KHz) and CHU(14670 KHz) on the DSW-20 with strong sigs at 0800 UTC! I shoul'da stayed up all night.
I haven't heard such great sigs out of CHU on 14670 here in YEARS!
BTW, W4EDE, Lee, in Miami Beach, Florida also left his rig on last night and he answered my CQ at 0613 UTC. Hmmm... QSOs from Maine to Florida on twenty...in the middle of the night...kewl!
Just for more fun before I went out to clear ice/snow this morning, made one RTTY and one CW contact with the DSWMULTI project within one hour's time. RTTY on 14088 and CW on 14060...
As I write this, 20 is still wide open in the eastern half of the US, at least.

CHU is not audible right now but I'll listen for 'em again tonight.
My longwire was really drooping early this morning but it's on its way back
up as the ice is melting.
73.

Bill, N4QA
<http://www.n4qa.com>

Date: Sun, 14 Dec 2003 09:42:32 -0800
From: "Lee Hopper" <leehopp@msn.com>
To: "John J. McDonough" <wb8rcr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [163082] Re: Elmer 160: PIC-EL Preview
Message-ID: <BAY4-DAV37G8RGVcSaV0001b427@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Very nice, John - a quantum leap for those of us who believe a picture is
worth 10K words.

73 -

Lee Hopper, NB7F
Portland, OR

John McDonough wrote:
> Here's a little preview for those of you with fast connections...

Date: Sun, 14 Dec 2003 10:53:11 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: <lyons@canada.com>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [163083] Re: Re[2]: Single wire feed Windom
Message-ID: <BC01F197.10331%JamesDuffey@comcast.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Jim - The Windom originated in the late 20s as a single wire feeder antenna.
When cheap 300 Ohm balanced feeders became available with the TV boom of the
late 40s and 50s the single wire feeder version was gradually replaced by

the twin lead. This makes feeding it easier. What do you attach the other terminal to the transmitter to on a single wire antenna? But unless heroic efforts are made, the twin lead has unbalanced currents whose difference is roughly equal to the current in the single wire feeder. So, the balanced feeder radiates about as much as the single wire feeder.

The balanced fed "Windom" is not truly a Windom, but that is probably a nit. It is more correctly called an off center fed dipole.

Windom did not invent the antenna, he reported on the work of others at Ohio State University. His name became attached to the antenna because he was the author of the article in QST. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Sun, 14 Dec 2003 11:08:21 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [163084] DX Aruba
Message-ID: <Pine.LNX.4.44.0312141106490.4695-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just worked P40K on 28.348 MHz. He is 59+ and gave me a 59 of course with my FT-817.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sun, 14 Dec 2003 12:09:38 -0600
From: George F Franklin <w0av@juno.com>
To: brian-ns1@freenet.co.uk
Cc: qrp-1@Lehigh.EDU
Subject: [163085] Re: Re[2]: Single wire feed Windom?
Message-ID: <20031214.121117.-451197.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Brian and all,

I stand corrected on the VS1AA/Window matter.

My memory obviously isn't as "keen" as I presumed it to be.

Thanks for the information.

73 de George/W0AV
Hamming since 1935
(I got so soon old and so late smart)

Date: Sun, 14 Dec 2003 13:20:29 -0500
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [163086] K1EL K-20 Keyer !!!!! nice !!!!
Message-ID: <002901c3c26e\$4259280\$7401a8c0@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All !!!!

Got the keyer hooked up to my C22 along with the DSP-9 filter !!! What a difference for the C22 !!! Its a contest monster now !!!! hihi

Condx on 10 meters STINK ... running 5W from my C22 to a Cushcraft AR-10 Ringo vertical up 25 ft .. for today is beam is badly NEEDED !!!

73S

George Osier , N2JNZ

Date: Sun, 14 Dec 2003 13:20:02 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <VE3STI@rac.ca>
Subject: [163087] Re: Elmer 160: PIC-EL - program chips besides 'F84?
Message-ID: <00a001c3c26e\$e49336b0\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have successfully programmed a 628 in the PIC-EL with FPP. Yeah, I just HAD to try that! Turns out that after I reported that Craig had beat me to the punch. I guess us geeks are all alike.

The PIC-EL looks to the PC like a SERPIC, so if you have a DOS program for the SERPIC, it ought to work. For years I used NoPPP, but FPP is about 1000% more convenient.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "David Beach" <VE3STI@rac.ca>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, December 14, 2003 12:28 PM

Subject: Elmer 160: PIC-EL - program chips besides 'F84?

> The PIC-EL looks like a terrific tutorial board.
>
> Once the tutorial is over, what is the potential for programming PICs
other
> than the 'F84 series with the board? (For example, the 'F628.) I presume
> this is a hardware/software issue involving both the PIC-EL board and the
> programming software (FPP). I have never used FPP (I am using P16Pro, an
old
> DOS program). The official PIC-EL page makes no comment.
>
> Anyone know enough about the hardware and software to comment on what the
> potential and limitations might be?
>
> (I decided not to send this directly to the Elmer 160 gang since I am sure
> they are flooded with mail and this is not directly related to the
tutorial.
> However, if any of the designers wish to comment, feel free!)

>
> David Beach
> VE3STI
>
>

Date: Sun, 14 Dec 2003 13:31:33 -0500

From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [163088] Re: 6M Halo or Squalo or ??
Message-ID: <08da01c3c270\$8082fe60\$6401a8c0@mydomain.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have one of each, and wouldn't part with either for "all the tea in China" right now.

The mention of the halo reminds me of one of my Elmers in the mid 60's, when I was first licensed. Six meters was a very popular mobile band back then, much like 2m FM is today. Ken, K2LMA (now SK), had a black Volkswagen beetle, with a 6m halo on a TALL mast, attached to the back bumper. This was a sight to behold !

When his beetle died, Ken bought a Chevy Corvair, on which he put the same halo on the tall mast. That big antenna on that compact car looked just as funny !

73

Dick K2JQ

----- Original Message -----

From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, December 14, 2003 11:11 AM
Subject: WTB: 6M Halo or Squalo or ??

> Looking for some antennas for local 6M AM work. Needs to be small,
> omni-directional and horizontally polarized. About the only thing that
> comes to mind is a 6M halo or squalo. Anyone on the list have one that is
> surplus or any ideas?

Date: Sun, 14 Dec 2003 13:37:37 -0500
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <jr1audio@bellsouth.net>
Subject: [163089] Re: AZ Paddle?
Message-ID: <08f401c3c271\$58f8cfe0\$6401a8c0@mydomain.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I seem to recall that Jerry mentioned that the second batch of paddles would be coming out some time around Christmas, (don't quote me on that), so you could probably look for a serial number list around that time.

Just relax and let the guys get the job done.

Dick K2JQ

----- Original Message -----

From: "Jimmy Lee" <jrlaudio@bellsouth.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Sent: Sunday, December 14, 2003 10:02 AM

Subject: AZ Paddle?

> When will the next serial number list be published. I am looking
> forward to seeing my call on the owners list!! Thanks for taking the
> time to do this kit.
> Jimmy, AE4DT
>

Date: Sun, 14 Dec 2003 13:49:43 -0500

From: Bill Owens N2RKL <bill@owensfamily.org>

To: "John J. McDonough" <wb8rcr@arrl.net>, qrp-l@lehigh.edu

Subject: [163090] Re: [Elmer 160]: PIC-EL Preview

Message-ID: <20031214184943.GF7821@owensfamily.org>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline

On Sun, Dec 14, 2003 at 10:57:24AM -0500, John J. McDonough wrote:

> Here's a little preview for those of you with fast connections. I apologize
> for the quality ... I didn't want a 10 Mb file, one meg is bad enough:
>
> <http://www.qsl.net/wb8rcr/Programming.ASF>

And for those of us not using Windows, VideoLAN will play the clip:

<http://www.videolan.org>

(It's handy for other things as well)

Bill N2RKL

Date: Sun, 14 Dec 2003 12:07:54 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: George Osier <gosier@twcnny.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163091] Re: K1EL K-20 Keyer !!!!! nice !!!!
Message-ID: <Pine.LNX.4.44.0312141206380.4695-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 14 Dec 2003, George Osier wrote:

> Hello All !!!!
>
> Got the keyer hooked up to my C22 along with the DSP-9 filter !!! What a
> difference for the C22 !!! Its a contest monster now !!!! hihi
>
> Condx on 10 meters STINK ... running 5W from my C22 to a Cushcraft AR-10

You must have a break in your coax George. I can only find 59+
signals all over 10 meters. It is wide open!

> Ringo vertical up 25 ft .. for today is beam is badly NEEDED !!!
>
> 73S
>
> George Osier , N2JNZ
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 14 Dec 2003 15:10:52 EST
From: Aa2id@aol.com
To: k2jq@rcn.com, qrp-l@lehigh.edu
Subject: [163092] Re: 6M Halo or Squalo or ??
Message-ID: <18b.23673541.2d0e1dcc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Yes, I too remember those days about 1961 when I was living in Elmira NY the Local ham club had a 6 meter halo as a club project. It worked very well both mobile and as a home antenna.

I treasured the antenna, then in one of my moves apparently the mover thought he should have it. So now I don't!

It sure was a loss for me.

How many other ones out there remember those days?

73's

Harold Was K2ZNC then, now AA2ID

Date: Sun, 14 Dec 2003 15:31:05 -0500

From: "Ken La Rose" <kenlar@csolve.net>

To: <qrp-l@Lehigh.EDU>, "QRP-Canada" <qrp-canada@neale.gpfn.sk.ca>

Cc: "Tom Hamblin" <hamblin@mirusinternational.com>,
"Tom Curtola" <tcurtola@rogers.com>,

Subject: [163093] Results: Sunday Morning SSB/CW QRP Net

Message-ID: <002001c3c281\$332b6ec0\$b59fc018@D1YQV721>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello:

This morning's net started off a little slow...the band was still sleeping, it seems! About 15 minutes into it, signal levels began to rise out of the noise, and propagation improved quite a bit. Despite the slow start, we had a good group today, with everyone (excepting KA9YCB) copying all on frequency:

VE3JC John in London, ON (K2, inv.V, 5-10w)

VE3PU Ken in west Ottawa, ON (first time check-in, nice 10w SSB sig)

WA1FXT Bob in Amherst, OH CW(RST 589 on peaks!)

VE3QF Tony in Scarborough, ON (booming K2, dipole)

VE3RLX Ric in Brantford, ON (Icom dwn to QRP, G5RV)

VE3OSC John VA3JE op at Ontario Science Ctr., Toronto (Yaesu 847, 8w, inv.V)

VE3JEV Richard in London, ON SSB/CW(first time check-in, Argonaut 509, 2w, inv.V)

VE3FUL Ted in Belleville, ON (first time check-in! RS 5x4)

KA9YCB George in Carrier Mills, IL CW(relay via VE3OSC)

VE3ELA Ken in Midland, ON (Argonaut 509, longwire)

Thanks to all for another great net! Let's do it again next Sunday, 9:30AM local (1430UTC), around 7.067 MHz.

72,

de Ken VE3ELA

Date: Sun, 14 Dec 2003 15:36:41 -0500
From: "Tom" <kf4yyd@adelphia.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [163094] Elmer 160 Lesson 4 Question
Message-ID: <EIEBLEILGEEGMLHGHOAGAEJDDAAA.kf4yyd@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Alright, sometimes when I step into the program my W register display shows the correct value, while other times it starts out completely wrong displaying W:0xff.

Here is my listing:

```
        processor    16f84a
        include <p16f84a.inc>
        __config    _HS_OSC & _WDT_OFF & _PWRTE_ON

Loc1     equ         H'20'
        movlw       D'7'
        movwf       Loc1
        movlw       D'12'
        andwf       Loc1,w
        movlw       D'3'
        iorwf       Loc1,f
        nop
        end
```

Shouldn't it display W:0x7 until the 2nd movlw command when it should display W:0xc, followed by W:0x3. Sometimes it works and sometime it doesn't, what am I not doing correctly?

73, de Tom kf4yyd Fredericksburg Virginia

IDHACWID* QRP Club #1

*I Don't Have A Clue What I'm Doing

Date: Sun, 14 Dec 2003 20:57:56 +0000
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-1@lehigh.edu
Subject: [163095] 10m contest
Message-ID: <5.2.1.1.0.20031214205454.0190c440@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Well, since you guys were bragging on the band conditions,
I dug the old QRP-10A out of the closet and hooked it up
to gel-cell and the vee-beam. Running less than 1W I managed
in one hour to work 56 Qs and got Costa Rica and the Cayman
Islands in the process. I don't know that I'll do any more since
I have the computer work going on.

At 30WPM you can work through the exchange pretty fast. :-)
Of course, all my reports were 599.....

FYI

Chuck Adams K7QO k7qo@commspeed.net
http://www.qsl.net/k7qo CP-60

Moving to Arizona? Please bring your own water.

Date: Sun, 14 Dec 2003 15:42:05 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-1@lehigh.edu
Subject: [163096] Re: 6M Halo or Squalo or ?? [Turnstile]
Message-ID: <3.0.2.32.20031214154205.00844c20@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Harold,

I remember those days. I was working at GD in Rochester NY then (ex
K20FN). A friend had a halo mounted on his Renault. We were in the
parking lot during lunch one day and he worked England with 4 Watts. Been

hooked on 6 ever since.

A turnstile antenna might be an alternative or the rug beater. Turnstiles are much easier to build than halos but not as compact.

There is a company in Colorado that still sells an antenna much like the old halos. W6OAL comes to mind -- have to do a search and see what comes up. It was touted on the 6-club web site a while back -- maybe VHV too.

At 03:10 PM 12/14/2003 EST, you wrote:

>Yes, I too remember those days about 1961 when I was living in Elmira NY the
>Local ham club had a 6 meter halo as a club project. It worked very well
both

>mobile and as a home antenna.

>I treasured the antenna, then in one of my moves apparently the mover
thought

>he should have it. So now I don't!

>It sure was a loss for me.

>How many other ones out there remember those days?

>73's

>Harold Was K2ZNC then, now AA2ID

>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Sun, 14 Dec 2003 16:44:18 -0500
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-l@Lehigh.EDU
Subject: [163097] Re: ScQRPion Paddle Dimensions
Message-ID: <3FD9B2.7000009@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Thanks to all who replied directly,...dimensions about 2" W X 2.9" L X 1.4" High; or, 51mm square with 24 mm projection of tips, and 29 mm High w/feet. I got two small wood boxes from the crafts store A.C.Moore for \$2 each, the interior cube is 2 5/16" X 4 1/8" L X 1 3/4" deep, with another 1/4" height in the lid, which is hinged and has a snap catch, (P/N WOD 1142M) and come in a couple variations in finishing. I'll see what I can do with these, but it'll not be enough work to keep me from wishing the next batch of paddles could get out soonest!

Ed, K2MGM.

End of QRP-L Digest 3134
